

Data File : H:\VOL1\GCMSDATA\L\120215\BL000562.D

Vial: 7

Acq On : 15 Feb 2012 14:16

Operator: HLM

Sample : CWA-1

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 16 14:02 2012

Quant Results File: BL021512.RES

Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Wed Feb 15 14:49:38 2012

Response via : Initial Calibration

DataAcq Meth : CWAL

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	1503592	2.00	ug/mL	0.00
6) Naphthalene-d8	7.08	136	4885244	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	8.09	99	96030	0.06	ug/mL	0.00
Spiked Amount 500.000	Range 70 - 130		Recovery	=	0.01%#	
12) 2-Bromothioanisole	8.40	204	167861	0.38	ug/mL	0.00
Spiked Amount 5000.000	Range 70 - 130		Recovery	=	0.01%#	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	3.78	94	199778	0.27	ug/mL	95
3) DMMP	4.60	79	37860	0.06	ug/mL	92
4) DIMP	5.95	97	73581	0.06	ug/mL#	65
5) 1,4-Oxathiane	4.77	46	206380	0.29	ug/mL	94
7) 1,4-Dithiane	6.22	46	115965	0.29	ug/mL	95
8) Thiodiglycol	6.92	61	325790m	0.76	ug/mL	
9) Benzothiazole	7.38	135	591186	0.46	ug/mL#	62
11) p-Chlorophenylmethyldisulfid	7.62	158	423451	0.55	ug/mL	87
13) p-Chlorophenylmethyldisulfox	9.08	159	87013	0.19	ug/mL	81
14) p-Chlorophenylmethyldisulfon	9.28	111	211482	0.37	ug/mL	91

(#) = qualifier out of range (m) = manual integration

BL000562.D BL021512.M

Fri Feb 17 10:48:31 2012

A

Page 1

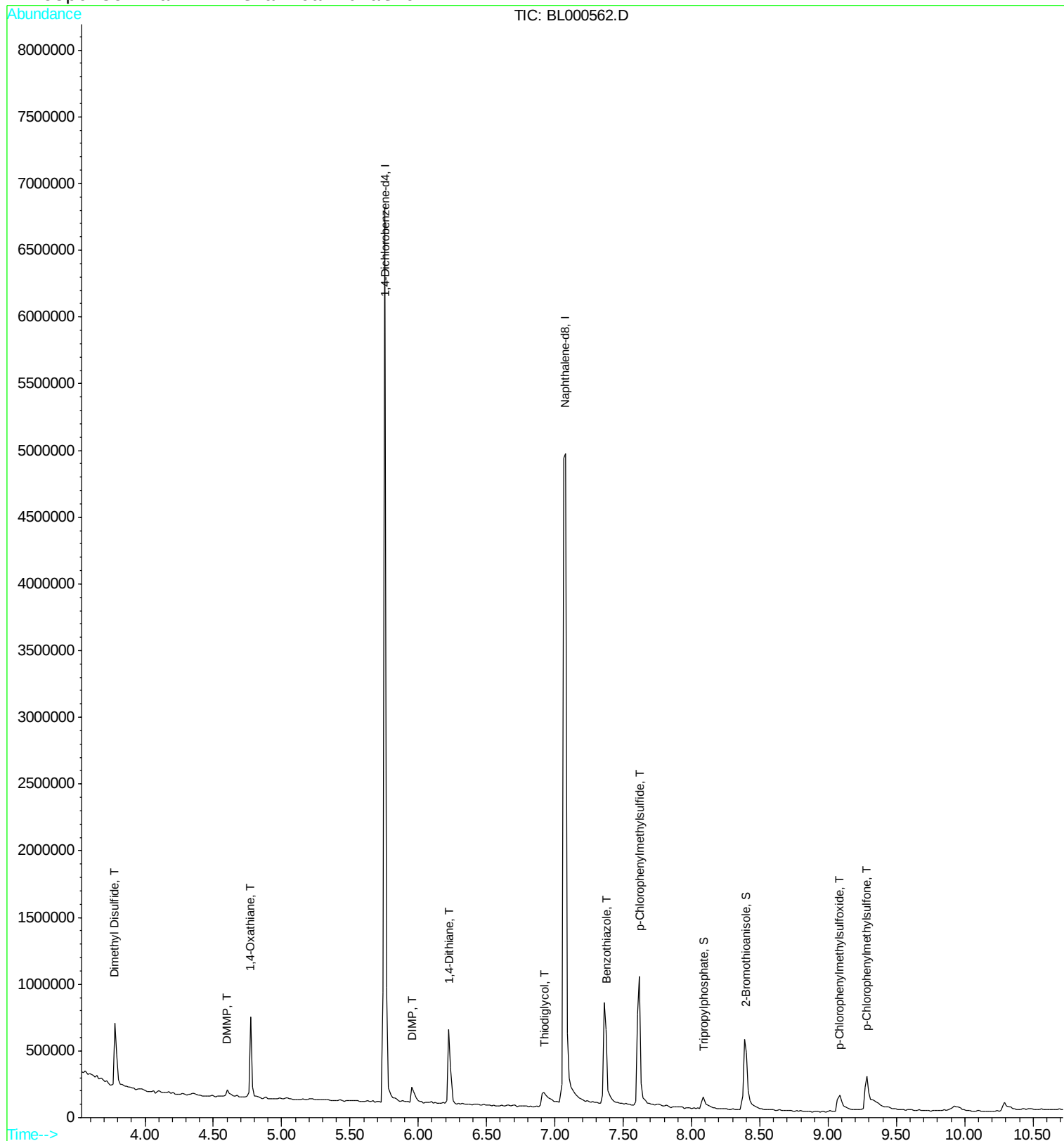
Quantitation Report

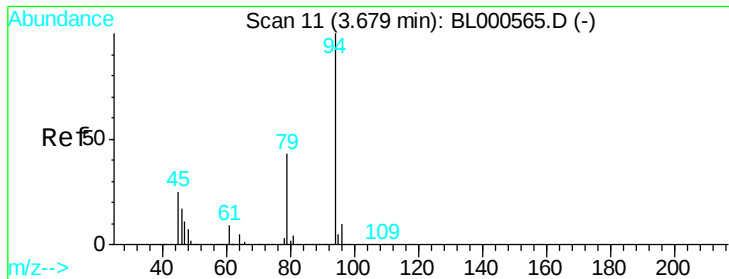
Data File : H:\VOL1\GCMSDATA\L\120215\BL000562.D
 Acq On : 15 Feb 2012 14:16
 Sample : CWA-1
 Misc : BNA L HLM
 MS Integration Params: rteint.p
 Quant Time: Feb 16 14:02 2012

Vial: 7
 Operator: HLM
 Inst : BNA L
 Multiplr: 1.00

Quant Results File: BL021512.RES

Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Fri Feb 17 10:16:01 2012
 Response via : Initial Calibration

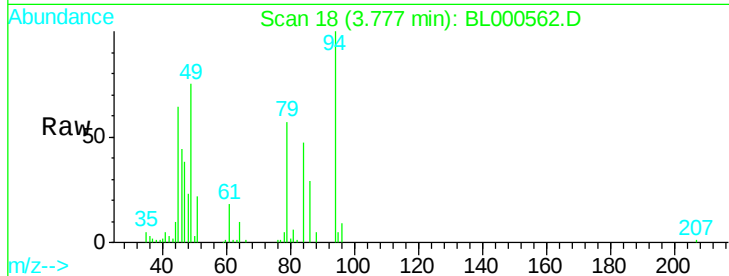




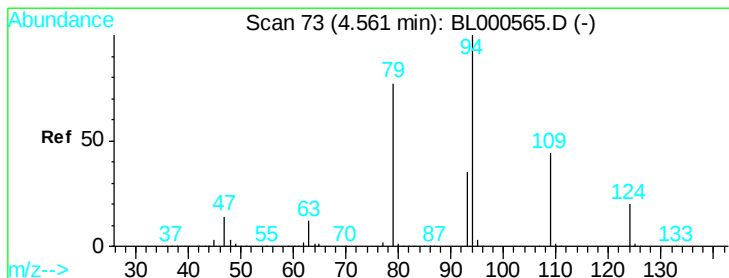
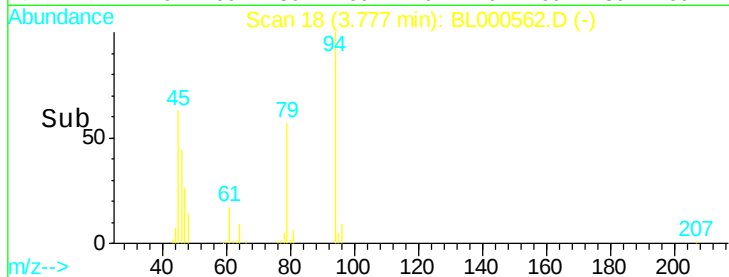
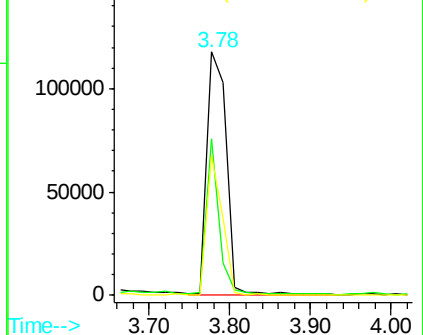
#2

Dimethyl Disulfide
Concen: 0.27 ug/mL
RT: 3.78 min Scan# 18
Delta R.T. 0.02 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion: 94 Resp: 199778
Ion Ratio Lower Upper
94 100
45 64.4 37.9 77.9
79 57.4 36.3 76.3



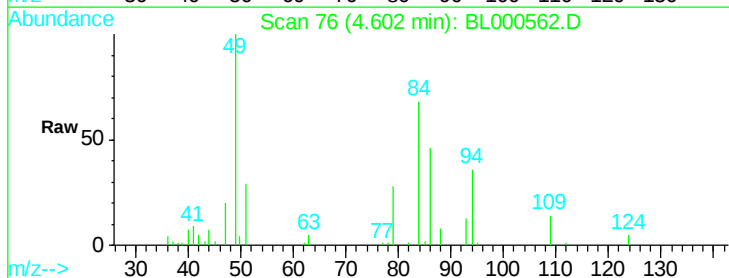
Abundance Ion 94.00 (93.70 to 94.70): BL0
Ion 45.00 (44.70 to 45.70): BL0
Ion 79.00 (78.70 to 79.70): BL0



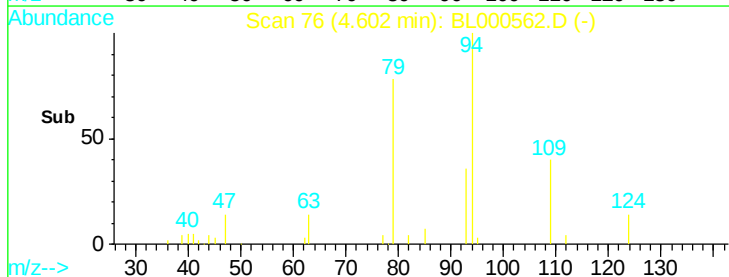
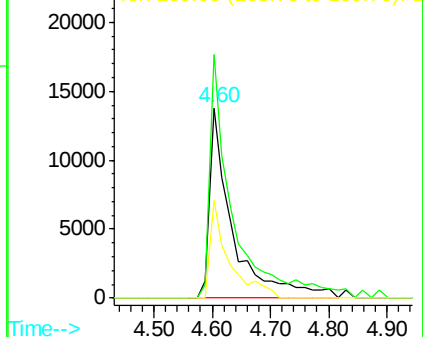
#3

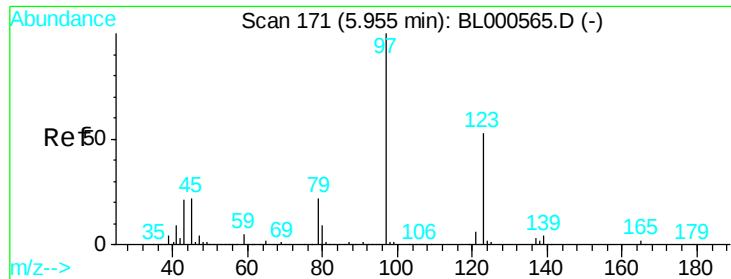
DMMP
Concen: 0.06 ug/mL
RT: 4.60 min Scan# 76
Delta R.T. 0.02 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion: 79 Resp: 37860
Ion Ratio Lower Upper
79 100
94 127.9 98.3 138.3
109 51.1 26.6 66.6



Abundance Ion 79.00 (78.70 to 79.70): BL0
Ion 94.00 (93.70 to 94.70): BL0
Ion 109.00 (108.70 to 109.70): BL0





#4

DIMP

Concen: 0.06 ug/mL

RT: 5.95 min Scan# 171

Delta R.T. -0.00 min

Lab File: BL000562.D

Acq: 15 Feb 2012 14:16

Tgt Ion: 97 Resp: 73581

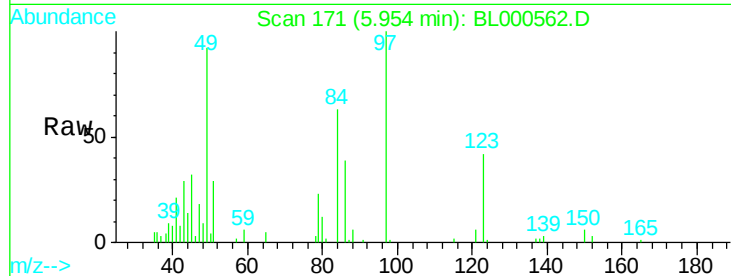
Ion Ratio Lower Upper

97 100

123 42.4 48.8 88.8#

43 29.3 0.0 32.3

41 21.5 0.0 25.6



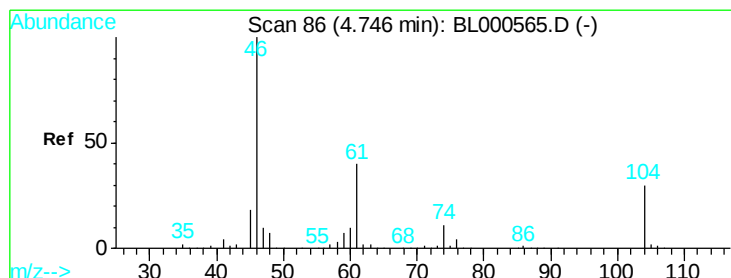
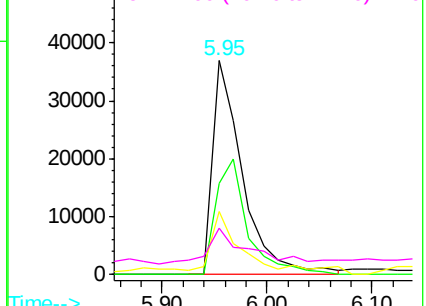
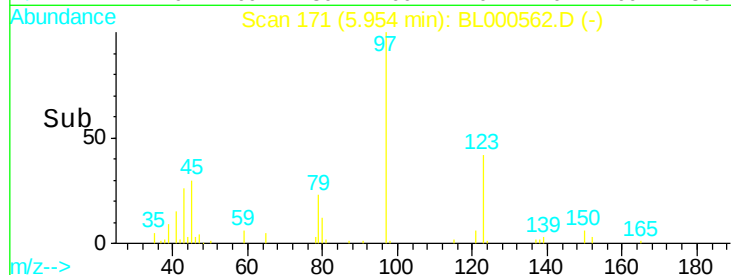
Abundance

Ion 97.00 (96.70 to 97.70): BL0

Ion 123.00 (122.70 to 123.70): BL0

Ion 43.00 (42.70 to 43.70): BL0

Ion 41.00 (40.70 to 41.70): BL0



#5

1,4-Oxathiane

Concen: 0.29 ug/mL

RT: 4.77 min Scan# 88

Delta R.T. -0.00 min

Lab File: BL000562.D

Acq: 15 Feb 2012 14:16

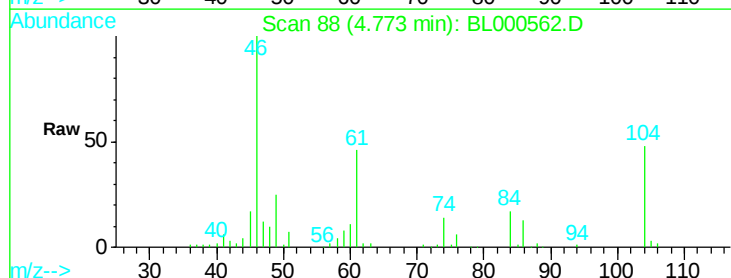
Tgt Ion: 46 Resp: 206380

Ion Ratio Lower Upper

46 100

61 45.6 29.6 69.6

104 48.2 32.6 72.6

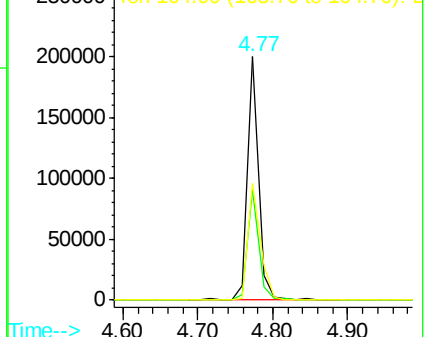
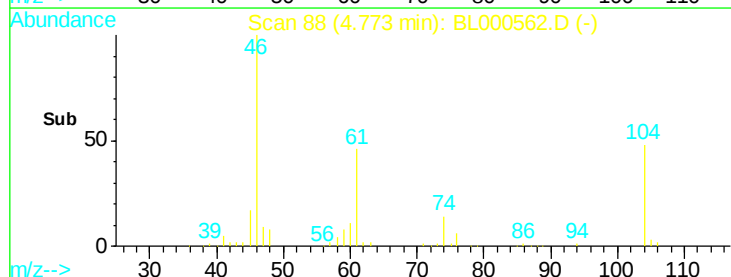


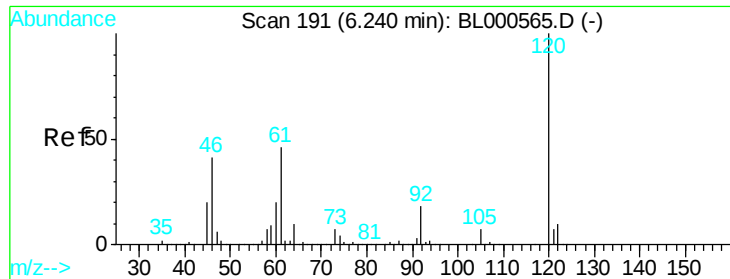
Abundance

Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 104.00 (103.70 to 104.70): BL0





#7

1,4-Dithiane

Concen: 0.29 ug/mL

RT: 6.22 min Scan# 190

Delta R.T. -0.00 min

Lab File: BL000562.D

Acq: 15 Feb 2012 14:16

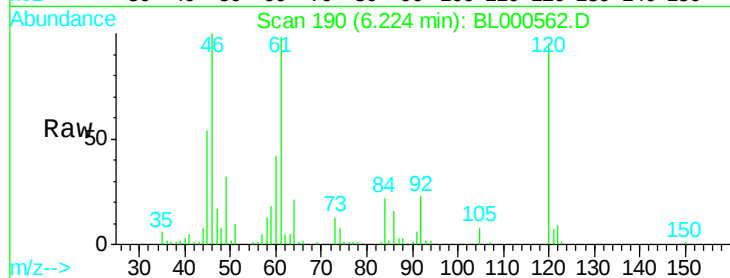
Tgt Ion: 46 Resp: 115965

Ion Ratio Lower Upper

46 100

61 97.9 74.1 114.1

120 95.4 81.1 121.1

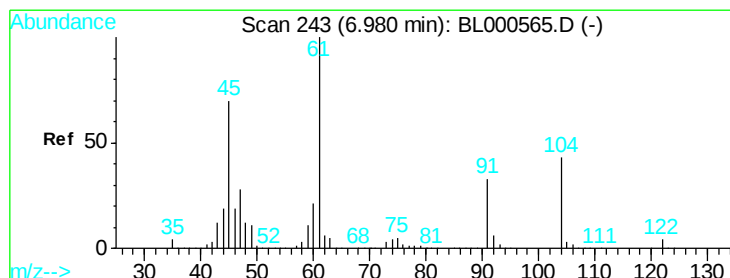
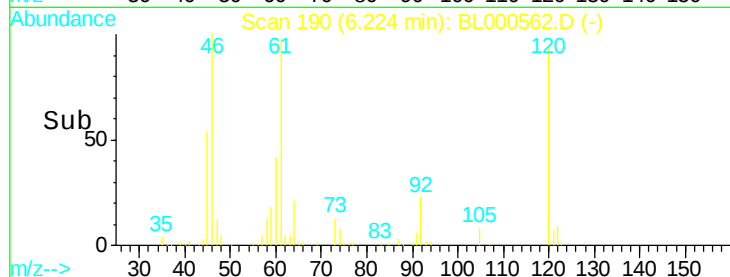
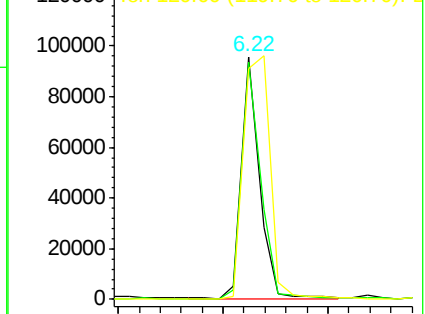


Abundance

Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 120.00 (119.70 to 120.70): BL0



#8

Thiodiglycol

Concen: 0.76 ug/mL m

RT: 6.92 min Scan# 239

Delta R.T. -0.03 min

Lab File: BL000562.D

Acq: 15 Feb 2012 14:16

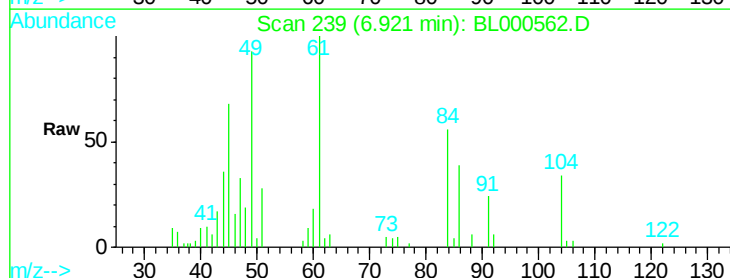
Tgt Ion: 61 Resp: 325790

Ion Ratio Lower Upper

61 100

45 68.1 50.8 90.8

47 32.8 9.0 49.0

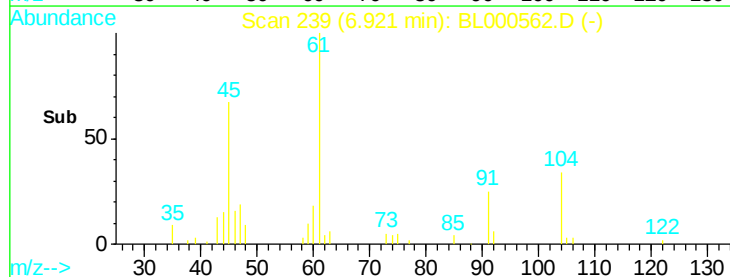
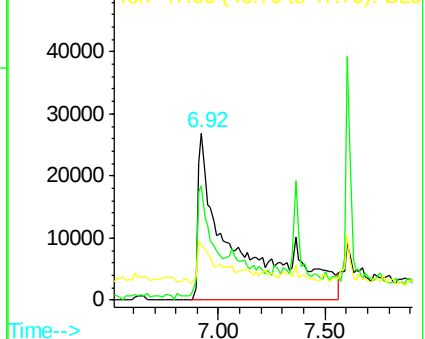


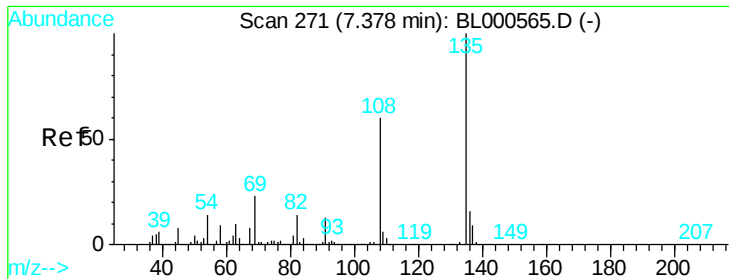
Abundance

Ion 61.00 (60.70 to 61.70): BL0

Ion 45.00 (44.70 to 45.70): BL0

Ion 47.00 (46.70 to 47.70): BL0





#9

Benzothiazole

Concen: 0.46 ug/mL

RT: 7.38 min Scan# 271

Delta R.T. 0.01 min

Lab File: BL000562.D

Acq: 15 Feb 2012 14:16

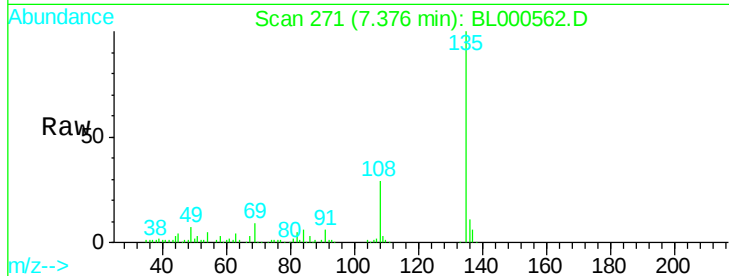
Tgt Ion:135 Resp: 591186

Ion Ratio Lower Upper

135 100

108 28.7 38.8 78.8#

69 9.0 5.9 45.9

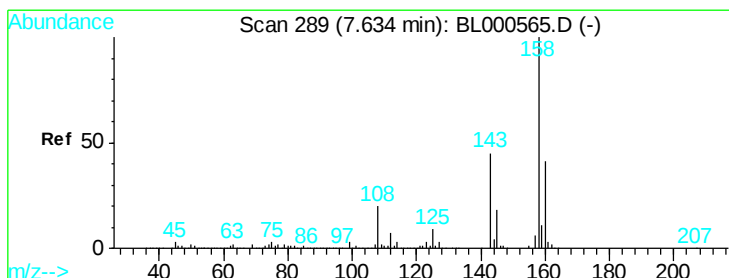
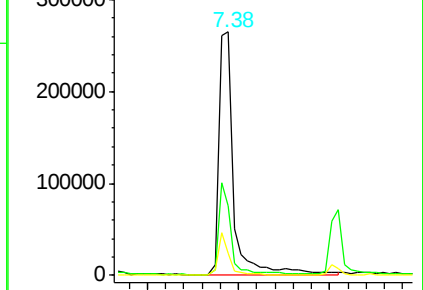
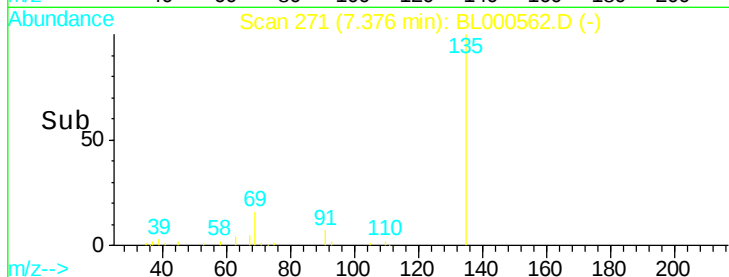


Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BL0



#11

p-Chlorophenylmethylsulfide

Concen: 0.55 ug/mL

RT: 7.62 min Scan# 288

Delta R.T. -0.00 min

Lab File: BL000562.D

Acq: 15 Feb 2012 14:16

Tgt Ion:158 Resp: 423451

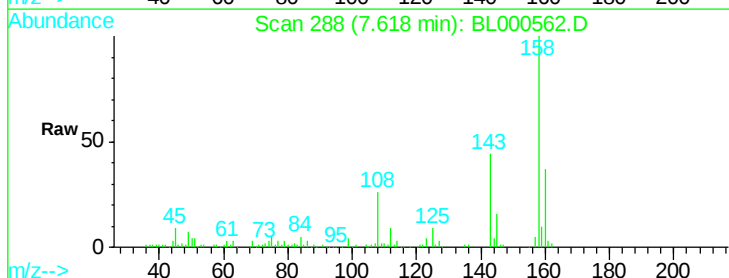
Ion Ratio Lower Upper

158 100

143 44.1 36.0 76.0

108 26.3 10.7 50.7

45 9.2 0.0 26.7



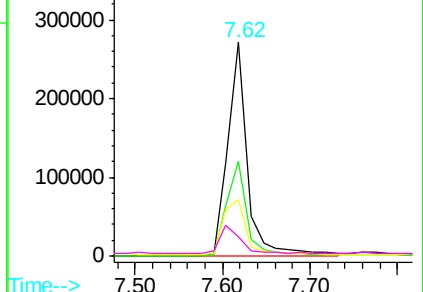
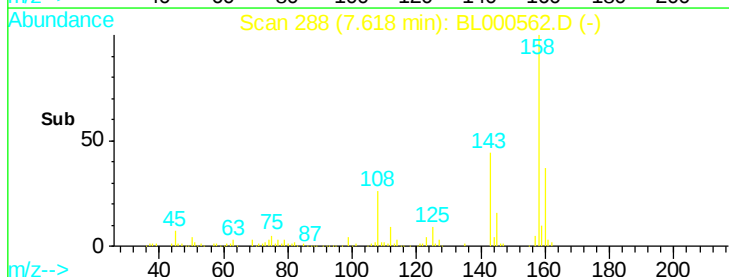
Abundance

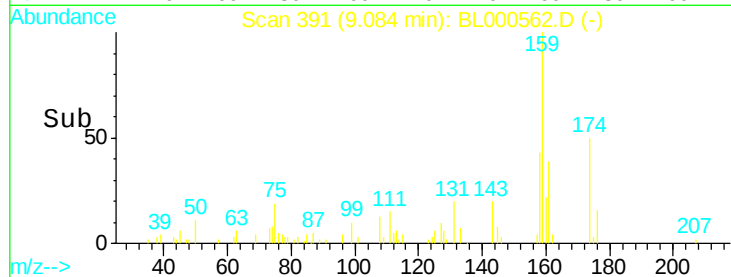
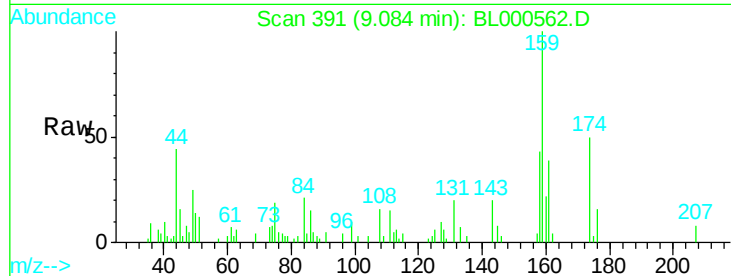
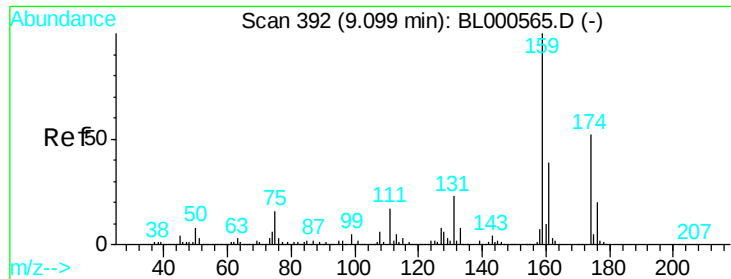
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

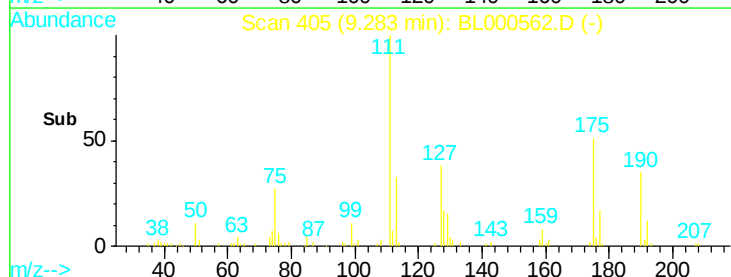
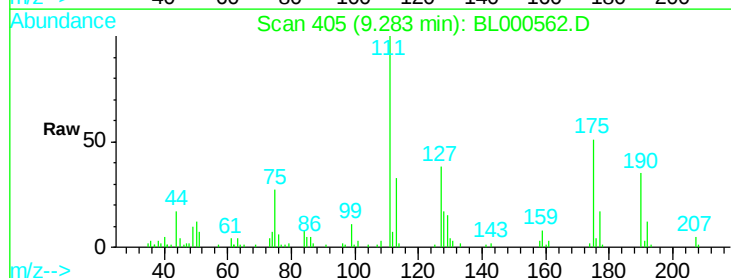
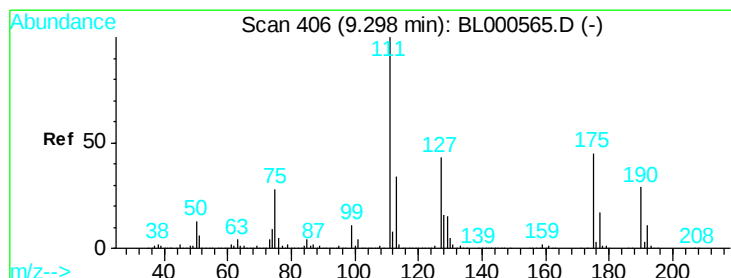
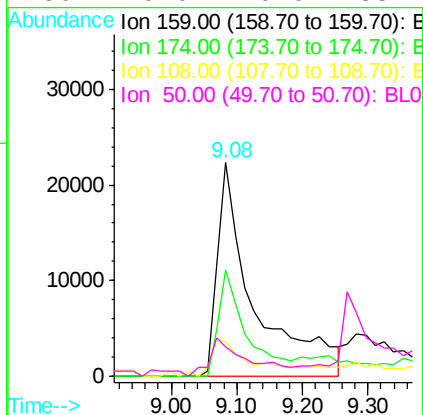
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.19 ug/mL
RT: 9.08 min Scan# 391
Delta R.T. -0.00 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion:	159	Resp:	87013
Ion	Ratio	Lower	Upper
159	100		
174	38.6	30.4	70.4
108	20.2	0.0	27.6
50	19.0	0.0	33.2



#14
p-Chlorophenylmethylsulfone
Concen: 0.37 ug/mL
RT: 9.28 min Scan# 405
Delta R.T. -0.00 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion:	111	Resp:	211482
Ion	Ratio	Lower	Upper
111	100		
75	26.6	9.9	49.9
127	37.9	21.9	61.9
190	34.7	5.3	45.3

